

Figure 1

Figure 2a/1

Policy for educational licenses (license type "Educ")

	Pro	Dis	Dea	Dea-E	Com	Gov	Edu	Апол
Provide	Υ	N	N ·	N	N	N	N	N
Transfer to Dis	Y	Y	N	N .	N	N	N	N
Transfer to Dea	N	N	N	N	N	N	N	N
Transfer to Dea-E	N	Y	N	Y	N	N	N	N
Transfer to Com	N	N	N	N	N	N	N	N
Transfer to Gov	N	N	N	N	N	N	N	N
Transfer to Edu	N	N	N	Y	N	N	Υ	N
Transfer to Anon	N	N	N	N .	N	N	N	N
Use	N	N	N	N ·	N	N	Y	N

Policy for evaluation licenses (license type "Eval")

	Рго	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Υ	N	N	N	N	N	N	:N
Transfer to Dis	Y	Y	N	N	N .	N	N	N
Transfer to Dea	N	Y	Y	Y	N	N	N	N
Transfer to Dea-E	N	Y	Y	Υ	N	N_	N	N
Transfer to Com	N	N	Υ	Υ	Υ	Υ	Υ	Y
Transfer to Gov	N	N	Y	Y	Υ	Υ	Y	Υ
Transfer to Edu	N	N	Υ	Υ	Υ	Y	Υ	Υ
Transfer to Anon	N	N	Υ	Y	Υ	Υ	Y	Υ
Use	N	N	N	N	Υ	Y	Y	Υ

Policy for commercial licenses (license type "Comm")

	Pro	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Υ	N	N	N	N	N	N	N
Transfer to Dis	Y	Y	N	N .	N	N	N	N
Transfer to Dea	N	Y	Y	N	N	N	N	N .
Transfer to Dea-E	N	IN	N	N	N	N	N.	Ň
Transfer to Com	N	N	Υ	N :	Υ	Y	Υ :	N
Transfer to Gov	N	N	Y	N .	Υ	Y	Υ	N
Transfer to Edu	N	ĪN	.Y	. N	Υ	Υ	Y.	N
Transfer to Anon	N	ĪN	N	N	N	N	N	N
Use	N	N.	N	N	Υ	Υ	Y	N

Figure 2a/2

Policy for dealer licenses (license type "Deal")

odlicy for dealer floor		Dis	Dea	Dea-E	Com	Gov	Edu	Anon
	Pro	+			N	N	N	N
Provide	Y	N	N	N_	+		 -	N
Transfer to Dis	Y	Y	N	N	N	N_	N	
	N	ΪΥ	Y	Y	N	N	N	N
Transfer to Dea		\ <u>\</u>	ly	Y	N	N	N.	N
Transfer to Dea-E	N	 	+	 	+	N	N	N
Transfer to Com	N_	N	N_	N	N	-	 	
	N	N	N	N	Ņ_	N	N	N
Transfer to Gov	+		N	N	N	N	N_	N
Transfer to Edu	N	N_	+	+	N	N	N	N
Transfer to Anon	N_	N	N_	N			+	
Use	N	N	Y	Υ	N	N_	N	N_

Fig. 2b

Characteristics of available license classes for a selected product suite consisting of a word processor, a spreadsheet and a database application.

Class	Туре	Product(s)	# Simult. Users	# Usages	Validity Period
EDU-1	Educ	Word Processor 1.0	50	unlimited	5a ·
		Spreadsheet 1.0			
		Database 1.0			
EDU-2	Educ	Word Processor 1.0	1	unlimited	unlimited
		Spreadsheet 1.0			
		Database 1.0			
EVA-1	Eval	Word Processor 1.0	1 .	50	30d
:		Spreadsheet 1.0			
:		Database 1.0			·
COM-1	Comm	Word Processor 1.0	10	unlimited	5a
		Spreadsheet 1. 0			
i		Database 1.0			
COM-2	Comm	Word Processor 1.0	50	unlimited	5a
		Spreadsheet 1.0			
		Database 1.0	·		
COM-3	Comm	Word Processor 1:0	unlimited	unlimited	. 5а
		Spreadsheet 1.0			
		Database 1.0			
DEA-1	Deal	Word Pracessor 1.0	1	unlimited	1a
<u> </u>		Spreadsheet 1.0			·
:		Database 1.0			

Fig. 2c

Licensee	19650630
License Identification	19950508

[The following lines were copied from the license class "EDU-1" on creation.]:

Licensed software	Word Processor 1.0
	Spreadsheet 1.0
	Database 1.0
Maximal number of concurrent users	50
Maximal number of program invocations	unlimited
Valid through	March 2006

[The following lines were copied from the license policy corresponding to the license type "Educ".]

License policy	Pro	Dis	Dea	Dea-E	Com	Gov	Edu	Anon
Provide	Y	N	N	N	N	N	N :	N-
Transfer to Dis	Y	Y	N	N ·	N	N	N	N
Transfer to Dea	Ν	N	N	N	N	N	N	N
Transfer to Dea-E	Ν	Υ	N	Y	N	N	N	N
Transfer to Com	N	N	N	N	N	N	N	N
Transfer to Gov	N	N	N	N	N	N	N	N ·
Transfer to Edu	N	N	N	Υ	N	N	Υ	N
Transfer to Anon	N	N	N	N ·	N	N	N	N .
Use	Ν	N	N	N	N	N	Υ	N ·

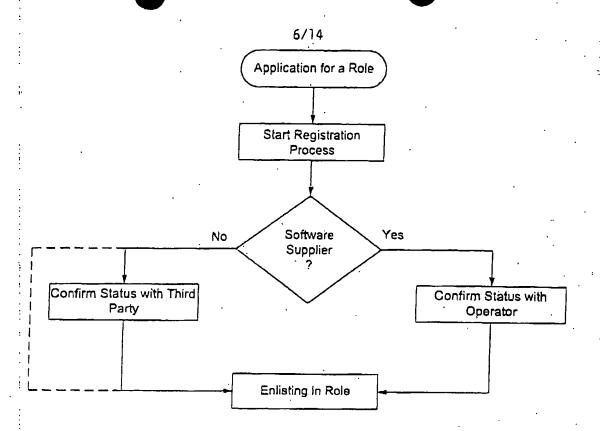
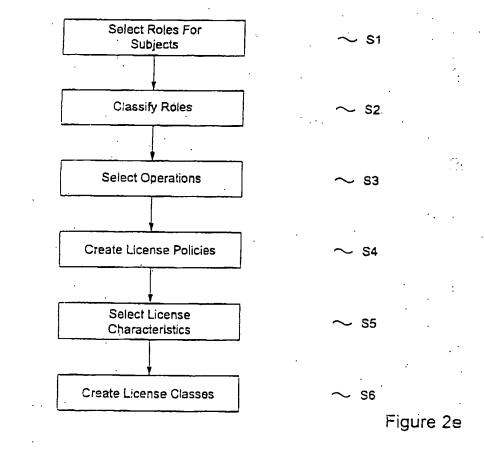
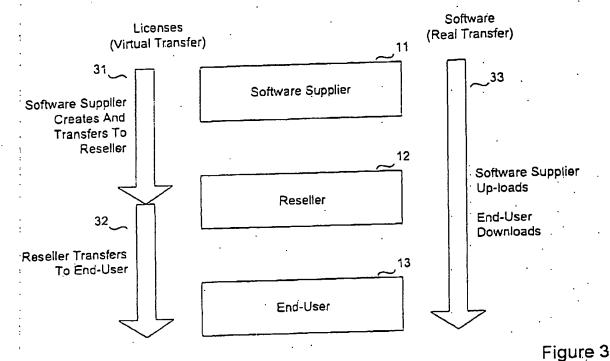


Figure 2d





Supplier Upload Software Related **Product** License Upload Scheme Confirm EDU-12 License Registration Transfer License Trust Centre Reseller Server Acquire License. Register Establish Proof of Download Deny Request **EDU-Identity** Grant Request Software Permission Permission Permission Permission To Run To Run To Run To Run EDU-User Comercial User Ü 13b 13a Request EDU-License License Transfer

Figure 4

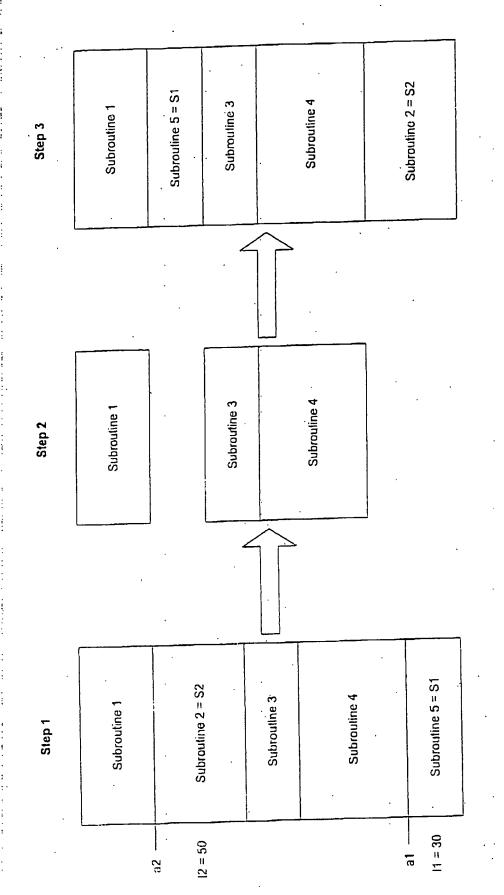
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Figure 5

Second Southly Of Holy	Start Of Address space	Staff Of Code Segment			Start Of Day		Fnd Of Data Segment		End Of Address Space
RAM	Unused Address Space	Code Segment		Unused Address Space		Data Segment	3	Unused Address Space	
		<u> </u>		Load		,			
			Executable File On Disk	Code Segment		Data Segmen			

	•	Code Segment	; ; ;			
Code Segment		Subroutine 2				
Subrouline 1						
		Inserted Data	Ĺ	Code Segment	Data Segment	
Subrouline 2		Subroutine 3		Subroutine 2	Variable 1	
. Subroutine 3	Layont	Subroutine 1	Identification Data	"L"	Variable 3	
	Cuanges		Nuor	oteO hopeou		
Data Segment		Data Segment		ווואפוופח חמש		
Variable 1		Variable 1		Subroutine 3	N.,	•
					Inserted Data	
Variable 2		. Variable 3			Variable 2	
				Subroutine 1		
Variable 3					,0°	
		Inserted Data				- .
		. Variable 2				
	,					



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Data Segment	Variable 1	Variable 3	"X"	Inserted Data	Variable 2	"Å"
		Ticket Data				÷
Data Segment	Variable 1	Variable 3	Uninitialised	Inserted Data	Variable 2	Uninitialised

License Server

Client First Program Start: R1 Validate Request Ticket Version 1 Send Request Ticket Version 1 S11 T1 Send Runtime Ticket Version 1 Store Runtime Ticket Version 1 Send Changes To Ticket Verification Store Canges To Ticket Verification TVC2 Code for Validating T2 Code For Valldating T2 in Software Copy File on Harddisk L1 Send Log-Off Ticket Version 1 Store Log-Off Ticket Version 1 S12 ~ R2 Send Request Ticket Version 2 Store Request Ticket Version 2 in Software Copy File on Harddisk Validate Received Tickets L1 and T1 Run Program 513 and Repeatedly Validate T1 L1 ŧD Start Program Termination Validate L1 514 and Return L1 ŧ٥ Terminate Program Execution M S15 ١,٠ EÜ LII x-th Program Start: Rx Validate Request Ticket Version x Send Request Ticket Version x ti Sx1 Tx Send Runtime Ticket Version x W Store Runtime Ticket Version x Send Changes To Ticket Verification Ü Store Canges To Ticket Verification TVC x+1 Code for Validating Tx+1 Code For Validating Tx+1 in Software Copy File on Harddisk ļ÷ LX Send Log-Off Ticket Version x Store Log-Off Ticket Version x Sx2 🕆 Rx+1 Send Request Ticket Version x+1 Store Request Ticket Version x+1 in Software Copy File on Harddisk Validate Received Tickets Lx and Tx Run Program Sx3 and Repeatedly Validate Tx Lx Start Program Termination Validate Lx Sx4 and Return Lx Terminate Program Execution Sx5

Figure 11